

Title (en)  
Double row angular contact ball bearing

Title (de)  
Zweireihiges Schrägkugellager

Title (fr)  
Roulement à billes à contact oblique à deux rangées

Publication  
**EP 2048388 B1 20130626 (DE)**

Application  
**EP 08164238 A 20080912**

Priority  
DE 102007049073 A 20071012

Abstract (en)  
[origin: EP2048388A2] The double-row angular ball bearing (1) has smaller separation balls (5) between the bearing balls (4). The outer bearing ring (3) has an opening (11) for the insertion of the separation balls, to roll between the races (8,9) of the inner (2) and outer bearing rings. The bearing and separation balls are of different materials.

IPC 8 full level  
**F16C 19/18** (2006.01); **F16C 33/37** (2006.01); **F16C 33/58** (2006.01)

CPC (source: EP)  
**F16C 19/18** (2013.01); **F16C 19/20** (2013.01); **F16C 33/3713** (2013.01); **F16C 33/585** (2013.01); **F16C 19/184** (2013.01)

Cited by  
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Designated contracting state (EPC)  
DE FR GB IT

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**EP 2048388 A2 20090415; EP 2048388 A3 20120704; EP 2048388 B1 20130626**; DE 102007049073 A1 20090416

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